

We Claim:

1. A method of operating a two-way communication satellite communicating comprising:

communicating using a random access scheme with a satellite;

- 5 collecting data to be sent by the remote terminal until the data exceeds a predetermined threshold amount of data as determined by the particular random access characteristics or until a time out period has expired; and

transmitting the data.

- 10 2. A plurality of end user terminals configured to communicate in a two-way satellite communication system, each of the end user terminals comprising:

a computer communicating with the two-way satellite communication system using a random access scheme, the computer collecting data to be sent by the remote terminal until the data exceeds a predetermined threshold amount of data as
15 determined by the particular random access characteristics or until a time out period has expired and then transmitting the data.